

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
 Data File : VX033311.D
 Acq On : 08 Dec 2022 10:22
 Operator : JC/MD
 Sample : VX1208WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1208WBL01

Quant Time: Dec 09 00:42:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

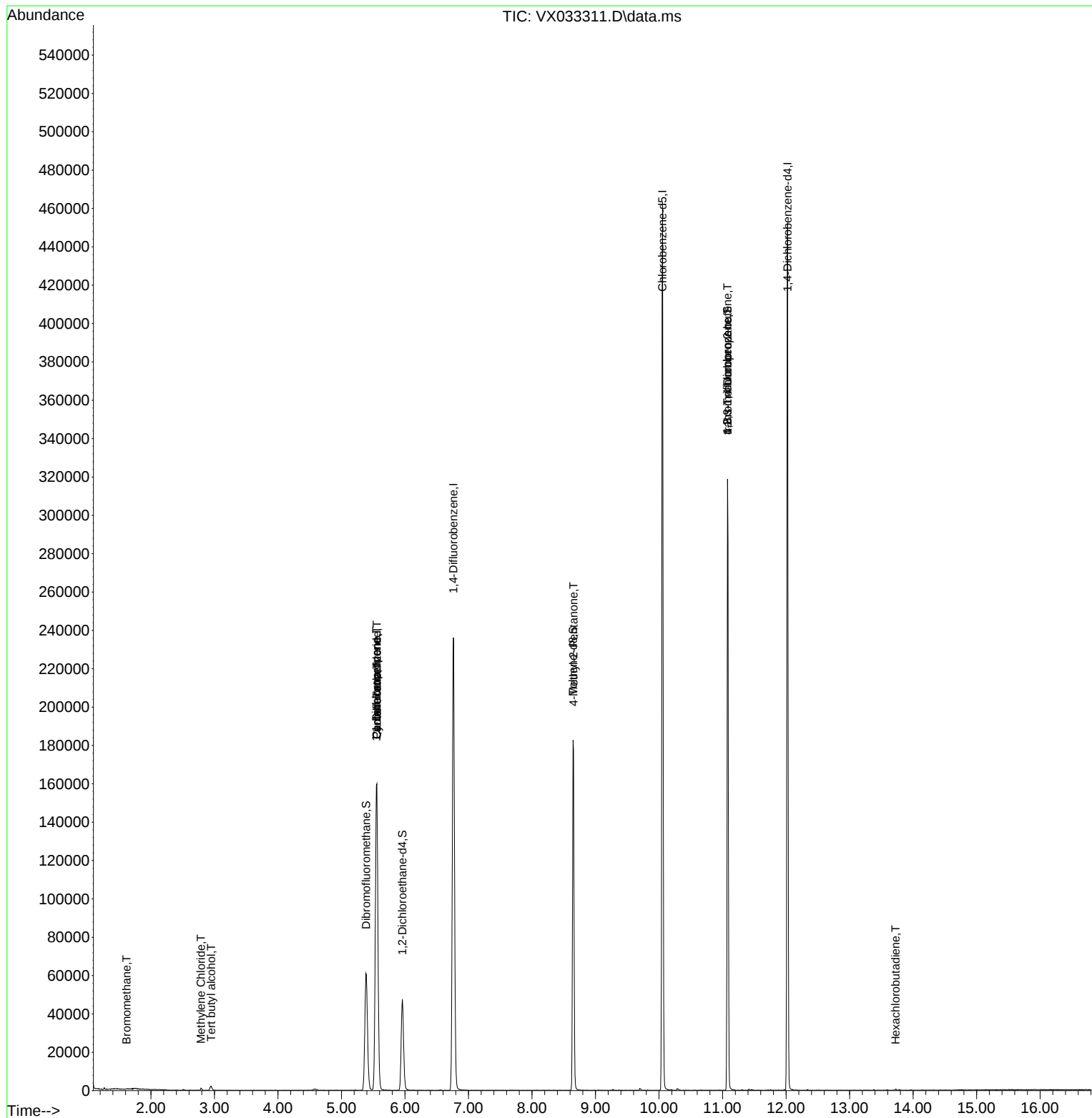
Internal Standards						
1) Pentafluorobenzene	5.556	168	152916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	245164	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	48793	49.738	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.480%
35) Dibromofluoromethane	5.385	113	54158	49.114	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.220%
50) Toluene-d8	8.647	98	111440	48.310	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.620%
62) 4-Bromofluorobenzene	11.079	95	83860	47.545	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.080%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	214	0.207	ug/l #	70
11) Tert butyl alcohol	2.947	59	1366	4.554	ug/l #	72
20) Methylene Chloride	2.788	84	477	0.295	ug/l #	76
31) Cyclohexane	5.556	56	3165	1.358	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11642	5.415	ug/l #	50
38) Carbon Tetrachloride	5.556	117	16040	6.659	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	477	0.231	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44838	23.105	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	44838	71.873	ug/l #	6
94) Hexachlorobutadiene	13.725	225	168	0.220	ug/l	85

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

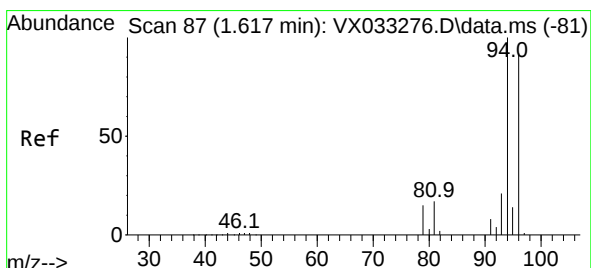
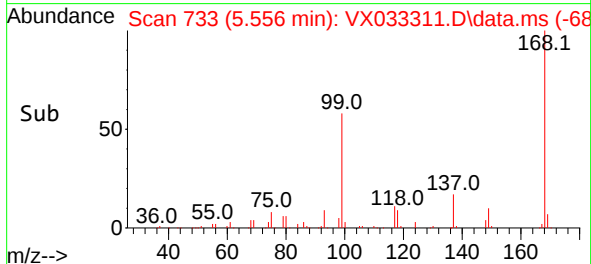
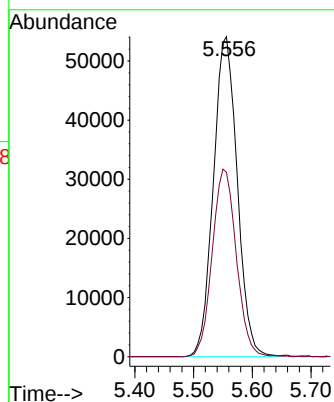
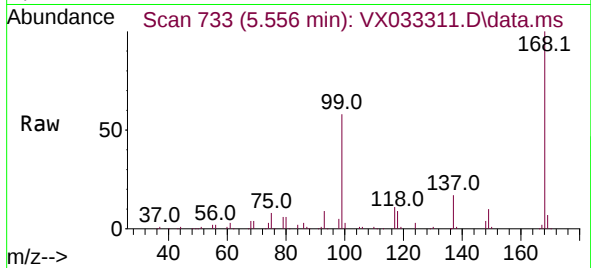




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033311.D
Acq: 08 Dec 2022 10:22

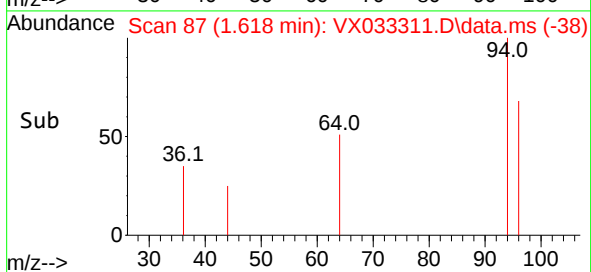
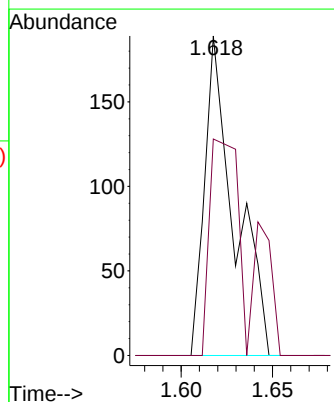
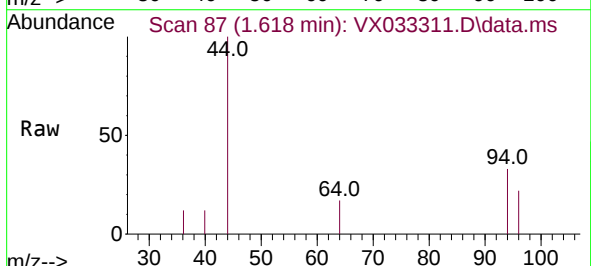
Instrument :
MSVOA_X
ClientSampleId :
VX1208WBL01

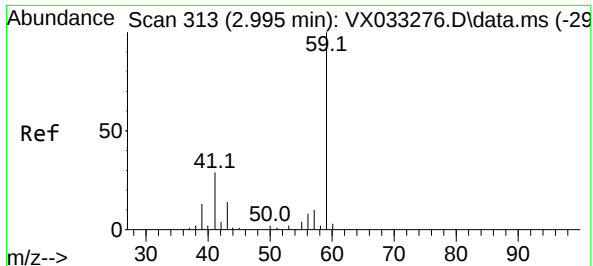
Tgt Ion:168 Resp: 152916
Ion Ratio Lower Upper
168 100
99 57.7 46.1 69.1



#5
Bromomethane
Concen: 0.207 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX033311.D
Acq: 08 Dec 2022 10:22

Tgt Ion: 94 Resp: 214
Ion Ratio Lower Upper
94 100
96 67.7 77.6 116.4#





#11

Tert butyl alcohol

Concen: 4.554 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.048 min

Lab File: VX033311.D

Acq: 08 Dec 2022 10:22

Instrument :

MSVOA_X

ClientSampleId :

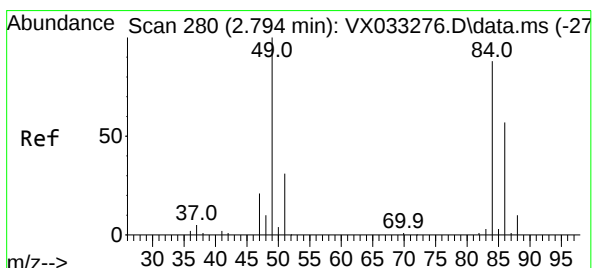
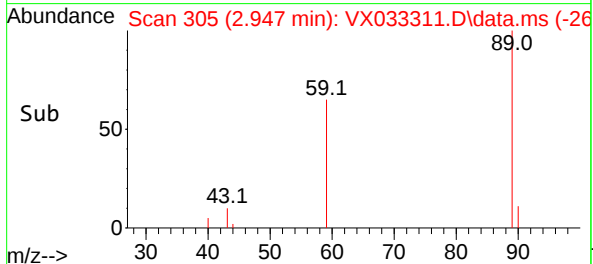
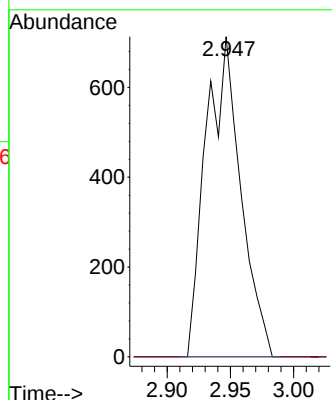
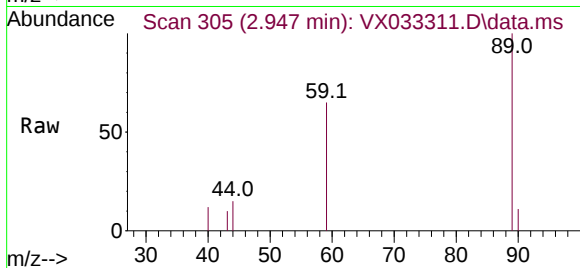
VX1208WBL01

Tgt Ion: 59 Resp: 1366

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#20

Methylene Chloride

Concen: 0.295 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX033311.D

Acq: 08 Dec 2022 10:22

Tgt Ion: 84 Resp: 477

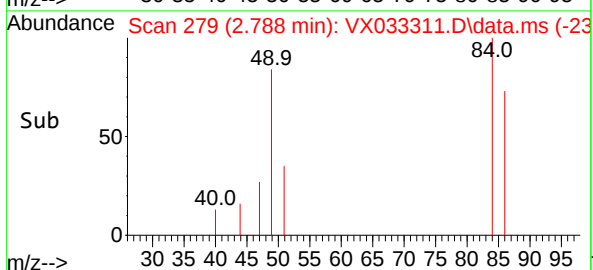
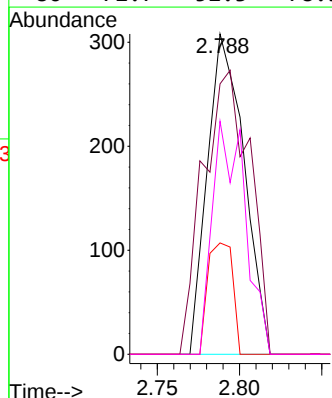
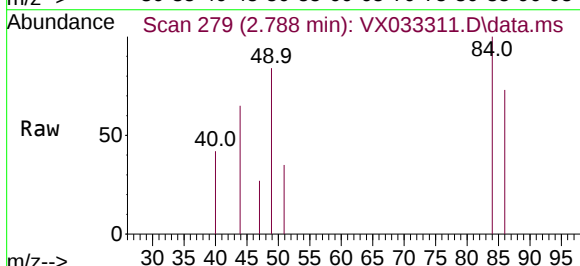
Ion Ratio Lower Upper

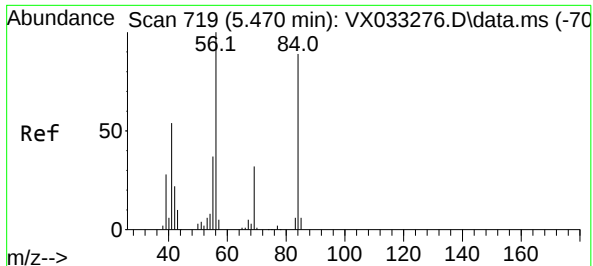
84 100

49 84.4 101.0 151.6#

51 34.7 31.1 46.7

86 72.7 52.3 78.5

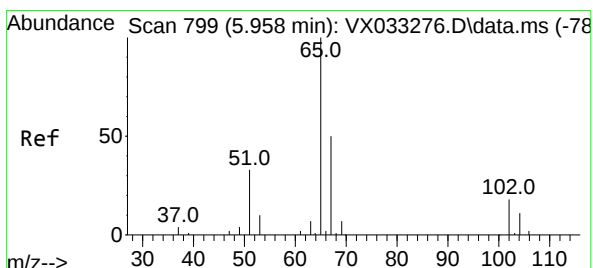
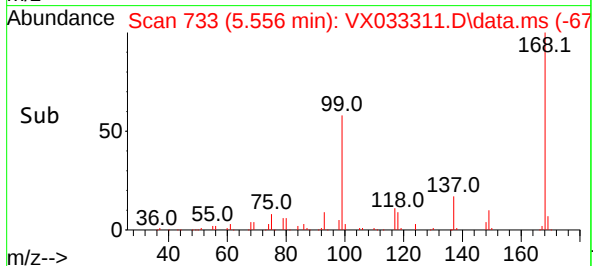
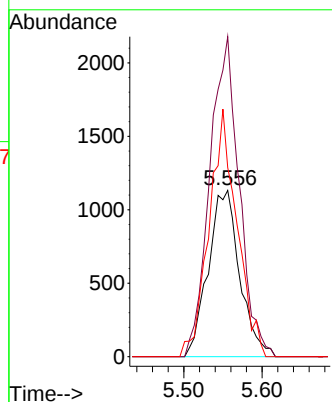
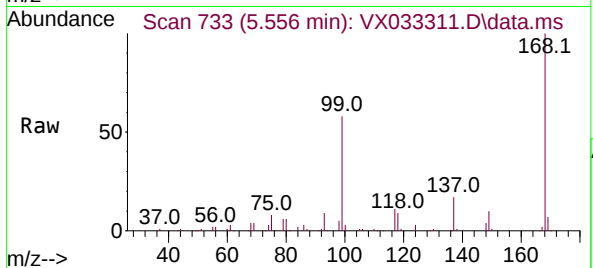




#31
Cyclohexane
Concen: 1.358 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX033311.D
Acq: 08 Dec 2022 10:22

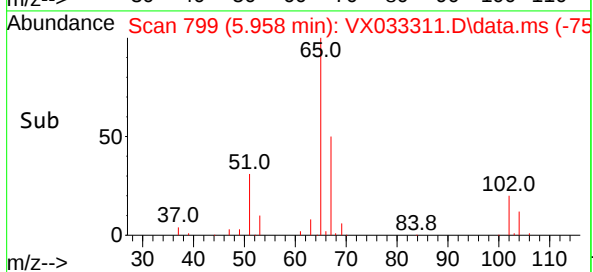
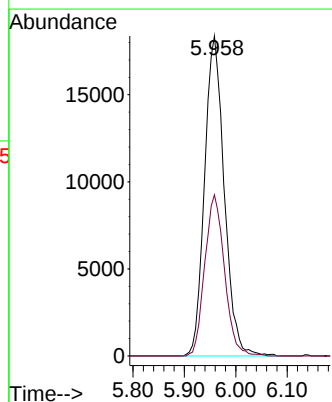
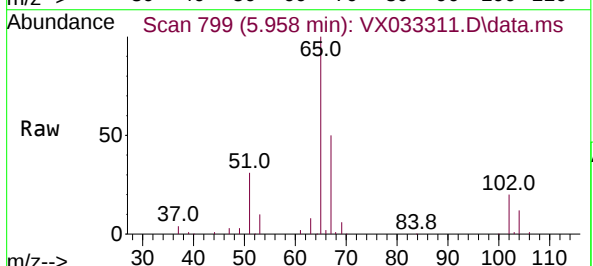
Instrument :
MSVOA_X
ClientSampleId :
VX1208WBL01

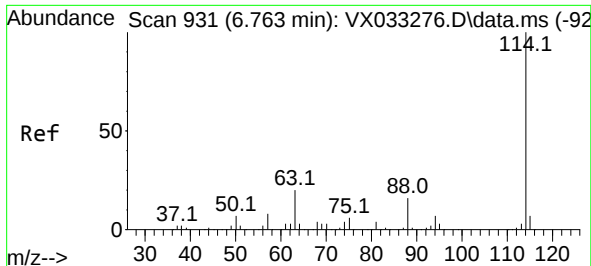
Tgt Ion: 56 Resp: 3165
Ion Ratio Lower Upper
56 100
69 192.4 24.1 36.1#
84 113.7 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 49.738 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033311.D
Acq: 08 Dec 2022 10:22

Tgt Ion: 65 Resp: 48793
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.8

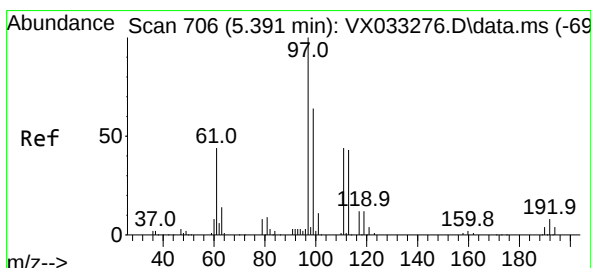
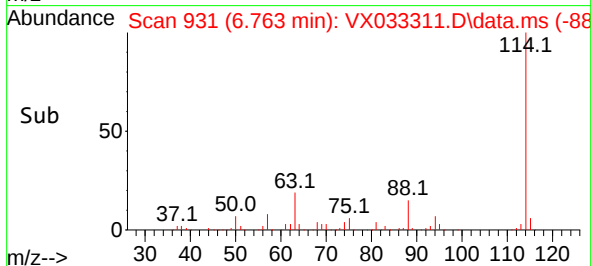
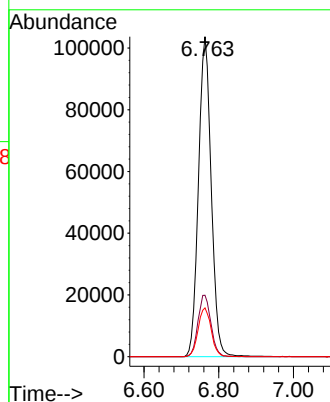
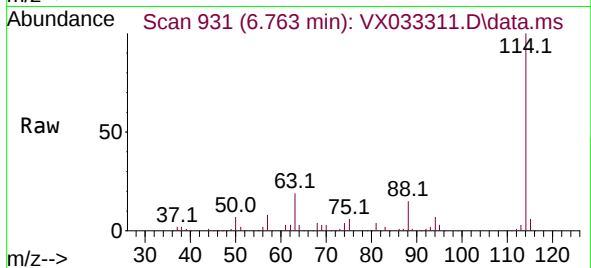




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033311.D
Acq: 08 Dec 2022 10:22

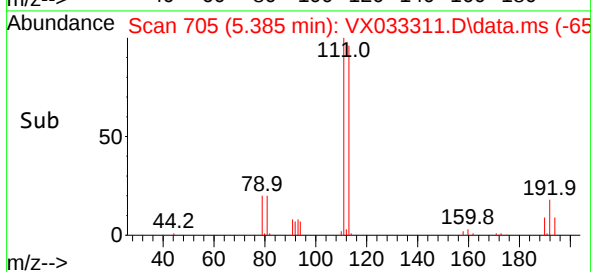
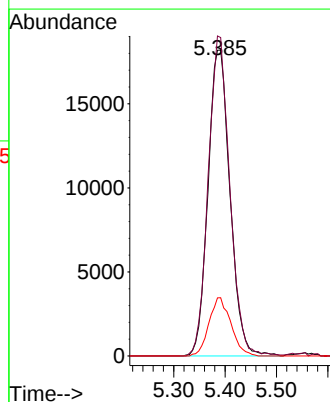
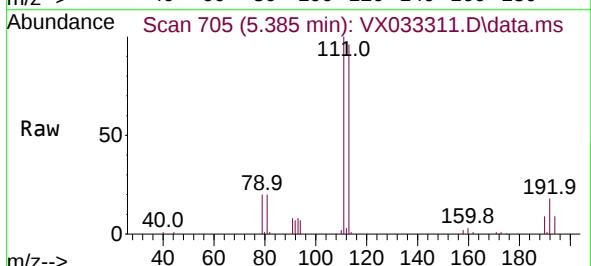
Instrument :
MSVOA_X
ClientSampleId :
VX1208WBL01

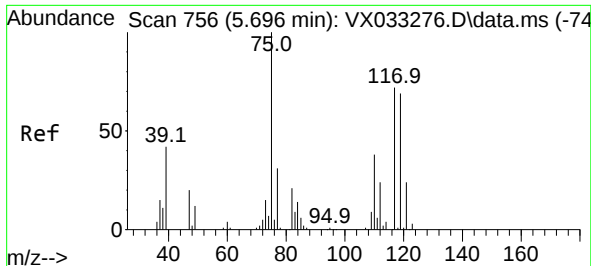
Tgt Ion:114 Resp: 245164
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.6
88 15.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 49.114 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033311.D
Acq: 08 Dec 2022 10:22

Tgt Ion:113 Resp: 54158
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 19.0 15.4 23.2

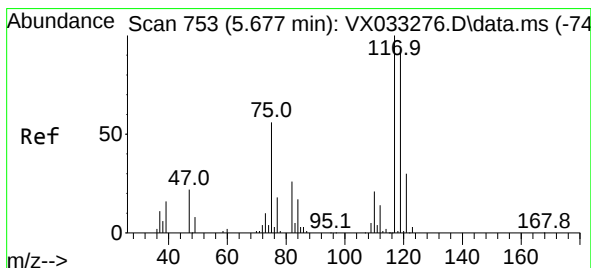
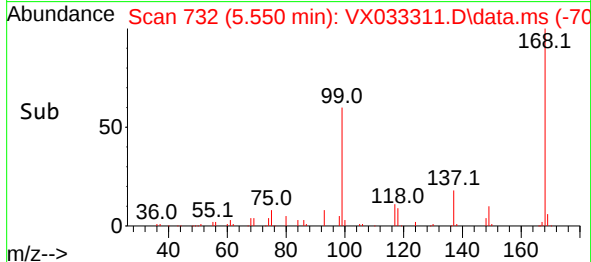
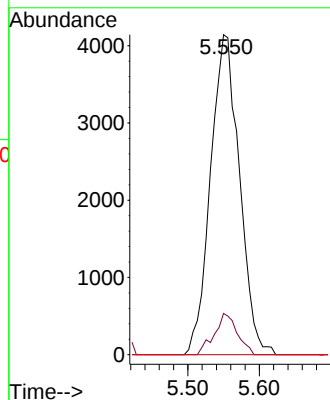
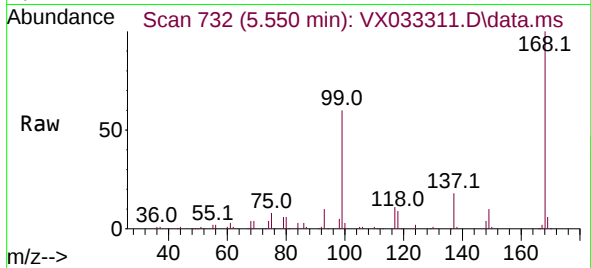




#36
1,1-Dichloropropene
Concen: 5.415 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX033311.D
Acq: 08 Dec 2022 10:22

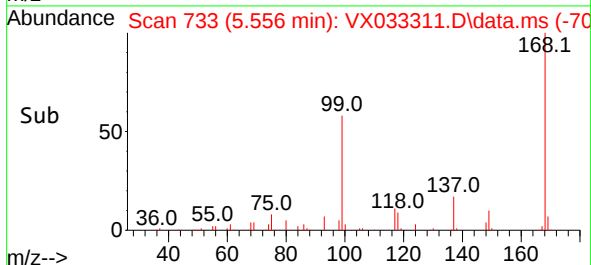
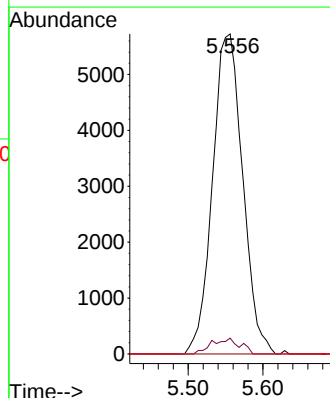
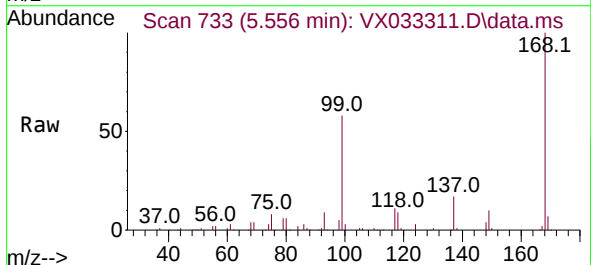
Instrument :
MSVOA_X
ClientSampleId :
VX1208WBL01

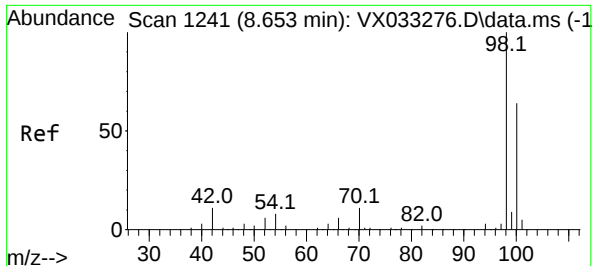
Tgt Ion: 75 Resp: 11642
Ion Ratio Lower Upper
75 100
110 10.2 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.659 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX033311.D
Acq: 08 Dec 2022 10:22

Tgt Ion: 117 Resp: 16040
Ion Ratio Lower Upper
117 100
119 4.9 77.2 115.8#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 48.310 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033311.D

Acq: 08 Dec 2022 10:22

Instrument :

MSVOA_X

ClientSampleId :

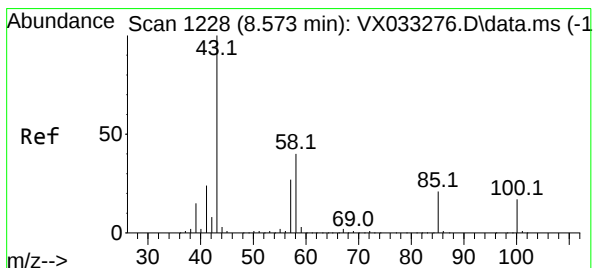
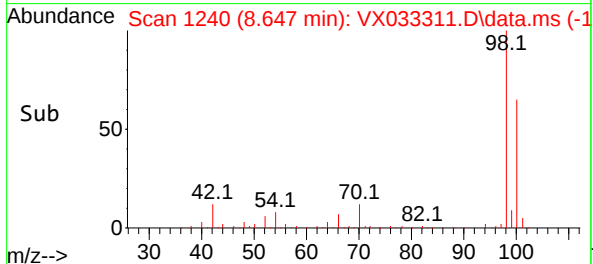
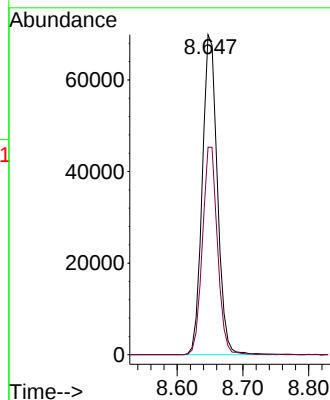
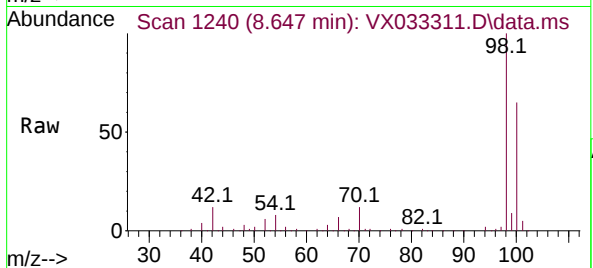
VX1208WBL01

Tgt Ion: 98 Resp: 111440

Ion Ratio Lower Upper

98 100

100 64.7 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.231 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.080 min

Lab File: VX033311.D

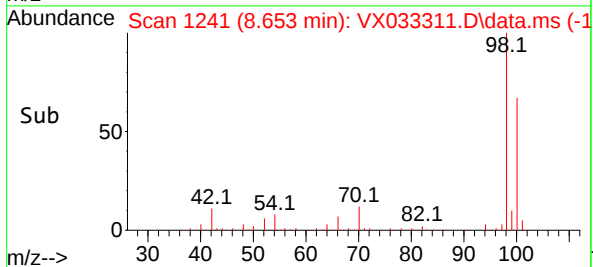
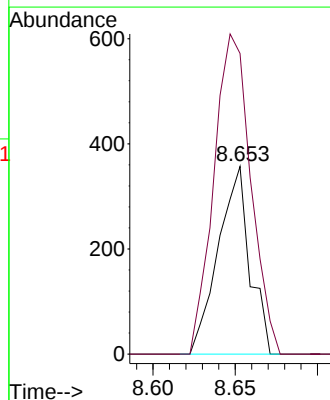
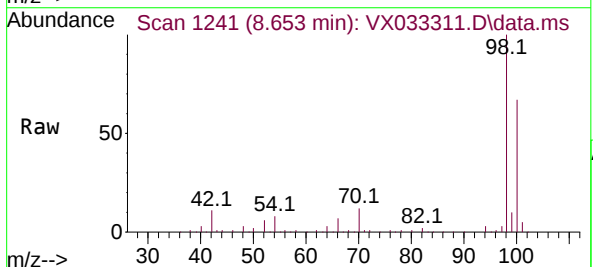
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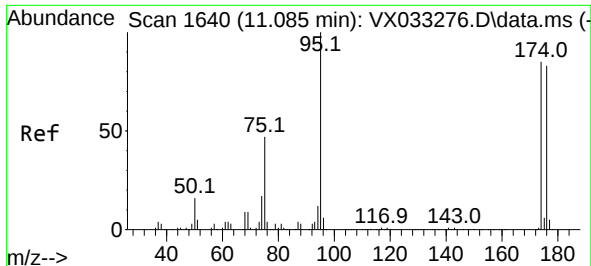
Tgt Ion: 43 Resp: 477

Ion Ratio Lower Upper

43 100

58 200.0 30.9 46.3#

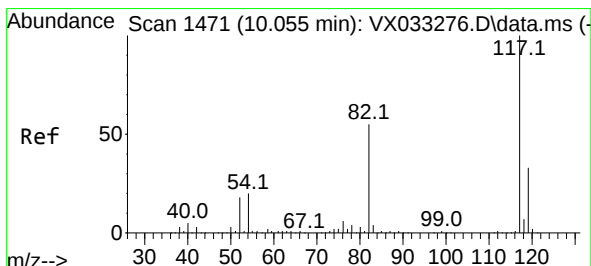
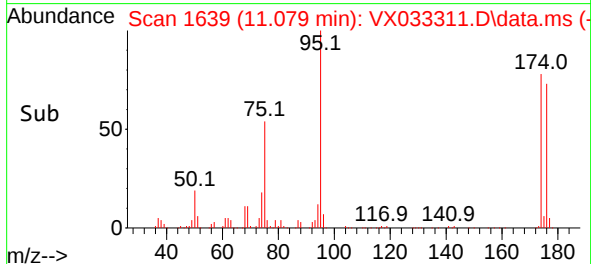
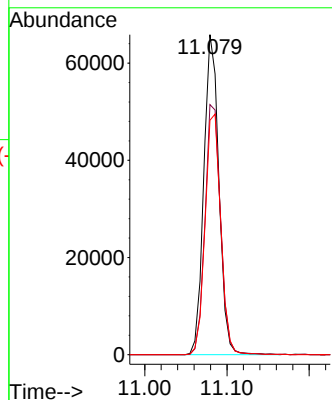
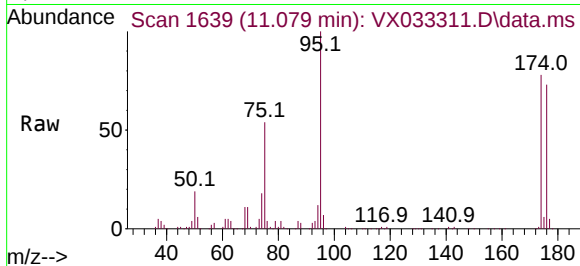




#62
4-Bromofluorobenzene
Concen: 47.545 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX033311.D
Acq: 08 Dec 2022 10:22

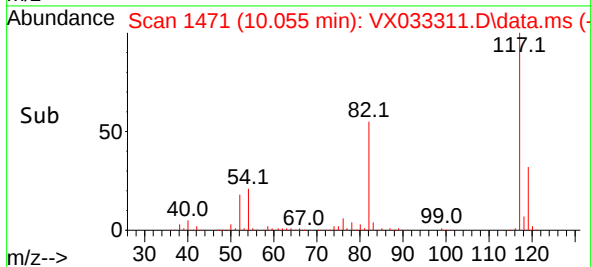
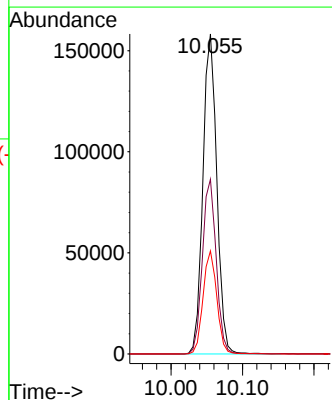
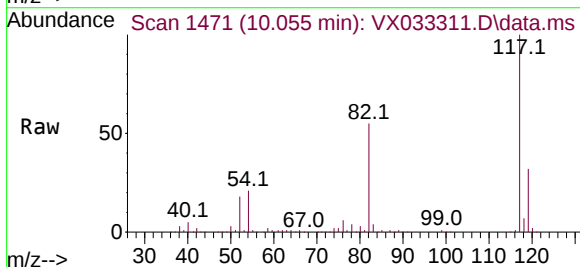
Instrument :
MSVOA_X
ClientSampleId :
VX1208WBL01

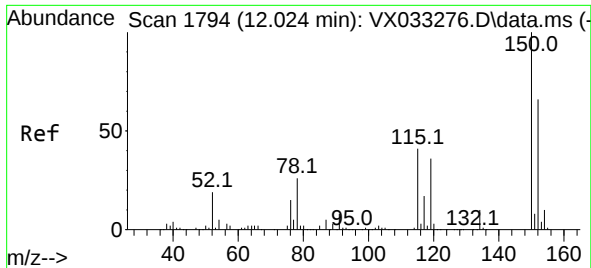
Tgt Ion: 95 Resp: 83860
Ion Ratio Lower Upper
95 100
174 80.8 0.0 164.0
176 78.5 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033311.D
Acq: 08 Dec 2022 10:22

Tgt Ion: 117 Resp: 213683
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 32.2 25.7 38.5

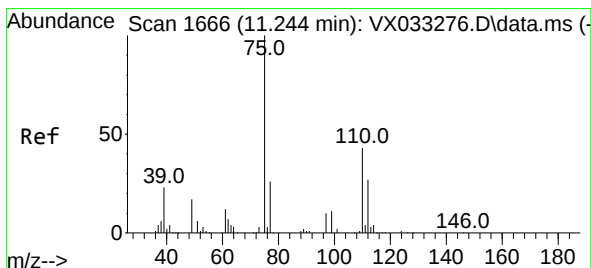
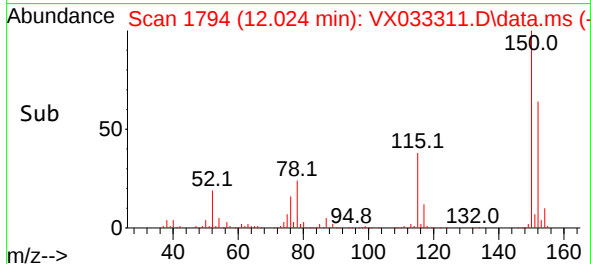
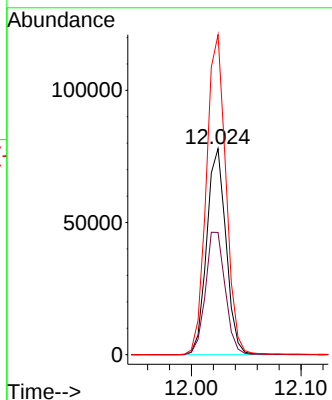
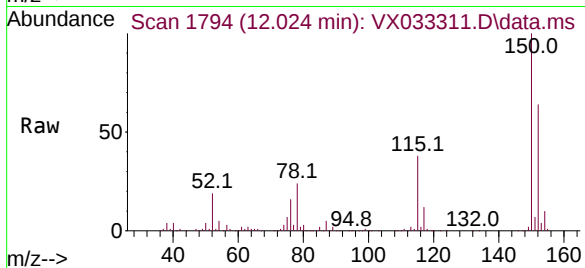




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033311.D
 Acq: 08 Dec 2022 10:22

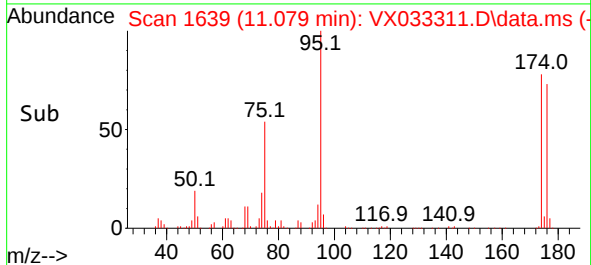
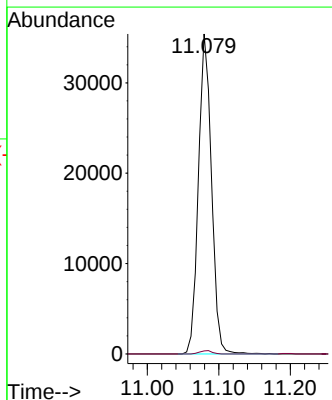
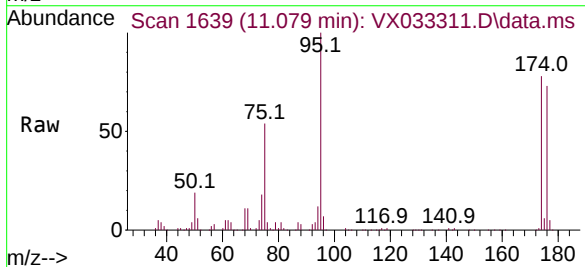
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1208WBL01

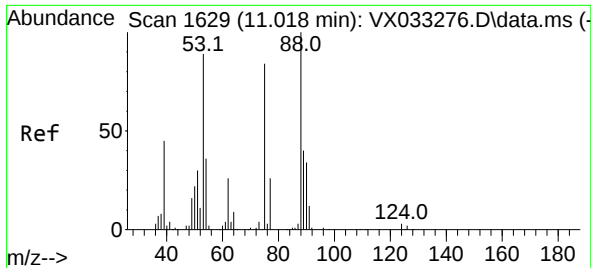
Tgt Ion:152 Resp: 95384
 Ion Ratio Lower Upper
 152 100
 115 61.1 44.0 132.0
 150 157.2 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 23.105 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX033311.D
 Acq: 08 Dec 2022 10:22

Tgt Ion: 75 Resp: 44838
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 60.0#

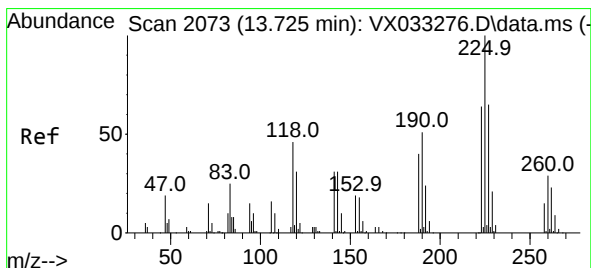
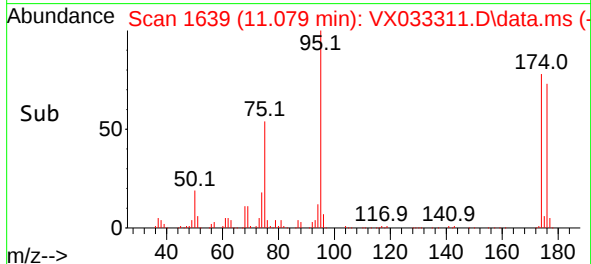
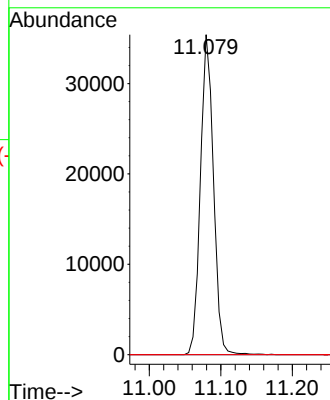
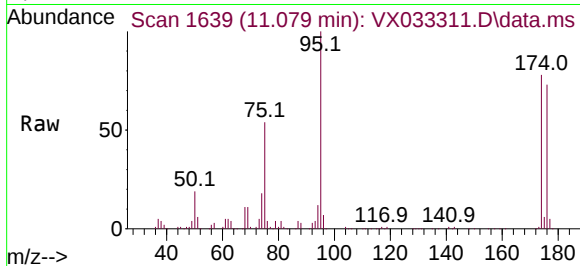




#81
trans-1,4-Dichloro-2-butene
Concen: 71.873 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033311.D
Acq: 08 Dec 2022 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX1208WBL01

Tgt Ion: 75 Resp: 44838
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#94
Hexachlorobutadiene
Concen: 0.220 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033311.D
Acq: 08 Dec 2022 10:22

Tgt Ion: 225 Resp: 168
Ion Ratio Lower Upper
225 100
223 75.0 31.9 95.9
227 50.6 31.9 95.5

